SIEMENS

Polymobil 10

[redacted] SP

Maintenance protocol

Customer:	
Address:	
Department:	
Room:	
Contact person:	
Telephone:	
Customer number:	
CS No.:	
Date:	

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This protocol is accompanied by the
Maintenance instructions RXR8-120.101.01.05.02

English
Print No.: RXR8-120.105.01.05.02
Doc. Gen. Date: 07.05
Replaces: RXR8-120.105.01.04.02

SIEMENS Office:	
Address:	
Region:	
Country:	
Contact person:	
Telephone:	
CSE in charge:	
Telephone:	

Notes about the Maintenance Protocol

The Maintenance Protocol is valid as proof of quality for **one** completed maintenance.

Maintenance must be performed in the specified intervals.

The results of maintenance are entered in this Maintenance Protocol.

The page numbers in the checklists at the end of the protocol refer to the corresponding pages in the associated maintenance instructions (see cover page).

The maintenance protocol must be completed by the CSE. In other words:

- All fields must be filled in. If a field does not apply to the system or if no entry is necessary, check the "n.a." box.
- The customer number (Cust. No.) and the maintenance date must be entered into the header on each page so that every page can be matched to a customer and to a maintenance date.
- In case of complaints, enter the IVKs for the relevant components as well as the type of complaint in the "Open items" table provided. Correction of these open points also must be documented in this table with the date and a signature. If there are no open items, check "No" and document this with the date and a signature.
- If movable components (including test phantoms that are part of the system) are present that can be used in different systems, you must enter them in the "Movable Components" table provided.
- The measurement values for the measurements that must be performed during maintenance must also be entered into the open spaces/tables provided for this.
- When the maintenance is completed, you must fill out and sign page 3 of this protocol.

Processing and archiving the maintenance protocol

The Maintenance Protocol is a document and must therefore be archived. After completing maintenance, it must be filed in the appropriate register of the Maintenance binder. If needed, give the customer a copy of it.

System:	
Serial No.:	
Software version:	
Number of the service contract:	
Type of maintenance:	

The system has no deficiencies. The image quality test showed no differences from required reference values.	☐
The system has minor deficiencies which do not affect system operation. It is recommended, however, to correct them as a preventive measure. The image quality test showed no differences from required reference values.	☐
The system has serious deficiencies. For safety reasons, continued operation of the system is possible only after the deficiencies have been successfully corrected.	☐

Town:	
Date:	
Technician's name:	
Signature:	

Activities performed

If there is no entry in the table, see the entries beginning on Page 7.

Date:	
Activities performed:	OK not OK n.a.
	☐ ☐ ☐
	☐ ☐ ☐
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Open items

Yes ☐ No ☐ Date/signature: _____

If 'Yes', enter the component with the IVK and the open item (number only) into the table. Record in the table when maintenance has been completed.

IVK	Component	Open items	Completed	
			(Date)	Signature

Explanation of abbreviations in the maintenance certificate

Abbrev.	Description
SI	Safety Inspection
SIE	Electrical Safety
SIM	Mechanical safety
PM	Preventive Maintenance
PMP	Preventive Maintenance, Preventive Parts Replacement, Visual Inspection
PMA	Preventive maintenance adjustments
PMF	Preventive Check of Operating Values/Functions
Q	Quality Check
QIQ	Image Quality Check
QSQ	System Quality
SW	Software Maintenance
CSE	Customer Service Engineer

Measuring device

Enter the measuring devices that were used for maintenance in the table.

Measuring device	Type	Serial no.	Date of use	Next calibration due

Movable Components

Yes ☐ No ☐ Date/signature: _____

If 'Yes', enter the component (including Serial No.) into the table that was used for maintenance.

Movable components (including test phantoms that are part of the system) are parts that can be used on different systems.

Movable Component	Serial No.

Maintenance Protocol

Date: **CS No.:**

			OK	not OK	n.a.	Page
1	**General information**					**1 - 1**
1.1.	**Required documents**					**1 - 1**
1.2.	**Tools, measurement and auxiliary devices required**					**1 - 1**
1.3.	**Required lubricants**					**1 - 1**
1.4.	**Text conventions**					**1 - 2**
1.5.	**Safety information and protective measures**					**1 - 3**
1.6.	**Explanation of abbreviations**					**1 - 6**
1.7.	**Information on the ground wire resistance test**					**1 - 6**
1.8.	**Information on measuring the leakage current**					**1 - 8**
1.9.	**Technical safety checks (TSC)**					**1 - 11**
2	**Inspection and Maintenance**					**2 - 1**
2.1.	**Visual inspection**					**2 - 1**
2.1.1	**Check the system for damage**					**2 - 1**
SIM	Cover panels		☐	☐	☐	2 - 1
SIM	Switch box/control console		☐	☐	☐	2 - 1
SIM	Release cable		☐	☐	☐	2 - 1
SIM	Power and primary cable		☐	☐	☐	2 - 1
2.1.2	**Labels**					**2 - 1**
SIM	Labels		☐	☐	☐	2 - 1
2.1.3	**Customer documents**					**2 - 1**
SI	Customer documentation		☐	☐	☐	2 - 1
2.2.	**Check screws**					**2 - 1**
SIM	Cassette holder		☐	☐	☐	2 - 1
SIM	Pedals		☐	☐	☐	2 - 1
SIM	Front wheels		☐	☐	☐	2 - 1
2.3.	**Check handles**					**2 - 1**
SIM	Single tank holder		☐	☐	☐	2 - 1
SIM	Single tank		☐	☐	☐	2 - 1
SIM	Control handle above the control console		☐	☐	☐	2 - 1
2.4.	**Check wheels**					**2 - 3**
SIM	Noises		☐	☐	☐	2 - 3
SIM	Easy movement		☐	☐	☐	2 - 3
SIM	Wear of the rubber lining		☐	☐	☐	2 - 3
2.5.	**Check pedal positions**					**2 - 3**
SIM	Brakes/Locking		☐	☐	☐	2 - 3
SIM	Maneuvering		☐	☐	☐	2 - 3
SIM	Straight travel		☐	☐	☐	2 - 3
2.6.	**Single tank**					**2 - 4**
SIM	Suspension		☐	☐	☐	2 - 4
SIM	Locking mechanism		☐	☐	☐	2 - 4
2.7.	**Double-slot diaphragm**					**2 - 5**
PMF	Light localizer lamp		☐	☐	☐	2 - 5
SIM	Rotatability		☐	☐	☐	2 - 5
PMF	Format setting		☐	☐	☐	2 - 5
PMF	0° position		☐	☐	☐	2 - 5

			OK	not OK	n.a.	Page
2.8.		**Stand**				**2 - 6**
	SIM	Support arm locking mechanism	☐	☐	☐	2 - 6
	SIM	Stand mounting	☐	☐	☐	2 - 7
	SIM	Spring counterbalance	☐	☐	☐	2 - 7
	SIM	Chains of the spring counterbalance system	☐	☐	☐	2 - 7
	PMP	Maintenance of the joints and chains	☐	☐	☐	2 - 8
2.9.		**Radiation**				**2 - 8**
	SIE	Radiation indicator	☐	☐	☐	2 - 8
	SIE	Acoustic signal	☐	☐	☐	2 - 8
	PMF	kV and tube current (IR)	☐	☐	☐	2 - 9
	QSQ	Check if light and radiation fields match	☐	☐	☐	2 - 10
2.10.		**Control console**				**2 - 11**
	SIE	Operating elements	☐	☐	☐	2 - 11
	SIE	Displays	☐	☐	☐	2 - 11
2.11.		**Ground wire test**				**2 - 12**
	SIE	Protective conductor test	☐	☐	☐	2 - 12
2.12.		**Leakage current measurement**				**2 - 13**
	SIE	Leakage current measurement	☐	☐	☐	2 - 13
2.13.		**Concluding work**				**2 - 14**
	PMP	Cleaning	☐	☐	☐	2 - 14

3	**Electrical safety/Reports**	**3 - 1**
3.1.	**Protective conductor resistance/report**	**3 - 1**
3.2.	**System leakage current/report**	**3 - 3**
4	**Changes to previous version**	**4 - 1**